



Patent
Attorney Docket No.: 55190-012

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of)
Josee HAMEL, et al.)
Serial No.: 09/471,255)
Filed: December 23, 1999)
Title: NOVEL STREPTOCOCCUS ANTIGENS)
Group Art Unit: 1645
Examiner: V. Portner

SUBMISSION OF SUBSTITUTE SEQUENCE LISTING PURSUANT TO 37 C.F.R. 1.825

Honorable Commissioner for Patents
Washington, DC 20231

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures dated June 18, 2001, Applicants respectfully request amendment of the above-captioned patent application as follows.

IN THE SPECIFICATION

Please insert the following paragraph in place of the fourth full paragraph on page 4 of the specification:

B¹
Figure 11 (SEQ ID NOS: 84, 85, 86, 87, 88, and 89) depicts the comparison of the predicted amino acid sequences of the BVH-3 open reading frames from WU2, RX1, JNR.7/87, SP64, P4241 and A66 S. pneumoniae strains by using the program Clustal W from MacVector sequence analysis software (version 6.5). Underneath the alignment, there is a consensus line where * and . characters indicate identical and similar amino acid residues, respectively.